

# NISHANT KUMAR

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## Summary

- Final-year B.Tech student specializing in AI & ML with experience in building full-stack and AI-driven applications. GATE 2026 qualified and Smart India Hackathon 2024 finalist. Skilled in React, Node.js, and LLM integration, with a focus on scalable and user-centric solutions.

## Education

**Noida Institute of Engineering and Technology (NIET)** Greater Noida, U.P.  
*B.Tech in Computer Science and Engineering (AI & ML) — CGPA: 8.03/10* 2022 – 2026

**G.B. College** Naugachia, Bihar  
*Class XII (BSEB) – 72.4%* 2021

**Inter High School** Naugachia, Bihar  
*Class X (BSEB) – 91.6%* 2019

## Experience

**Smart India Hackathon (SIH) 2024** National Level Hackathon  
*AI/ML Developer — Medical Recommendation System* Aug 2024

- Built an AI-powered medical recommendation system using **React.js** and **Python ML models**, improving patient-doctor matching efficiency.
- Designed and developed a **doctor admin dashboard** for appointment and scheduling and medical record management.
- Ranked among the **Top 50 teams** out of over **7,000** participants nationwide.

## Achievements

- GATE 2026 Qualified** – Computer Science & Information Technology (CSE)
- Ranked among the **Top 50** in Smart India Hackathon 2024 among 7,000+ teams

## Projects

**SymptomX – AI-Powered Symptom Checker** | *Python, Flask, Machine Learning*

- Developed a **Flask-based AI application** using scikit-learn to predict diseases from user symptoms.
- Integrated modules to recommend **medications, precautions, workouts, and diet plans** based on ML predictions.
- Built a responsive and interactive UI with voice input and deployed the project on **Render**.

**ResumeForge – AI Resume Generator** | *Node.js, Tailwind CSS, LaTeX, LLM (OpenRouter)*

- Built an AI-based web application to generate professional **LaTeX resumes** from structured user input.
- Integrated **nvidia/nemotron-3-nano-30b-a3b** via **OpenRouter API** for dynamic content generation.
- Enabled 100+ users to create **professional resumes** without manual LaTeX editing.

## Skills

- Languages:** Java, Python, JavaScript, HTML, CSS
- Frameworks/Libraries:** React.js, Node.js, Tailwind CSS
- Databases:** MongoDB, MySQL
- AI/ML:** Machine Learning, Deep Learning, Natural Language Processing (NLP), Generative AI, LLMs, RAG, Prompt Engineering (LLM Optimization)
- Tools:** Git, GitHub, VS Code, Jupyter Notebook, OpenRouter API